



TOP SECRET

IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

NAVAL BASE AND SHIPYARD 402

SEVERODVINSK, USSR



Declass Review by NIMA/DOD



25X1

CIA/PIR 67314

DATE JULY 1966

COPY 39

PAGES 8

25X1

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET

25X1

Approved For Release 2003/03/04 : CIA-RDP78T05161A001000010034-1

Approved For Release 2003/03/04 : CIA-RDP78T05161A001000010034-1

Approved For Release 2003/03/04 : CIA-RDP78T05161A000100010034-1

[illegible]

TOP SECRET

CIA/PIR-67314

CIA IMAGERY ANALYSIS DIVISION

NAVAL BASE & SHIPYARD 402
SEVERODVINSK, USSR

TOP SECRET

TOP SECRET

CIA/PIR-67314

CIA IMAGERY ANALYSIS DIVISION

SHIPYARD : NAVAL BASE & SHIPYARD 402
LOCATION : SEVERODVINSK, USSR
GEO COORDS: 64-35N 039-50E

KEY TO VESSEL ANNOTATIONS

- Two probable "J" Class SSG (visible waterline length of each approx 280') nested outboard of an unidentified auxiliary (length approx 310'). Slight reverse curve to bow outline, forward "L-shaped" deckhouse, fairly clean deck amidships, main superstructure and lifeboat arrangement all equate to the "foot auxiliary" observed in this same berthing space on [redacted] See annotation 2, Figure 5, [redacted] - CIA/PIR-67041. Broad beams, large sails, and sloping sterns are visible on each of the two submarines. The after (possible) missile launcher on the inboard submarine and the forward (possible) missile launcher on the outer submarine appear elevated. See annotation 1, [redacted] and annotation 10, [redacted]
- Seven cylindrical objects on quay. Six of these objects are in the same positions occupied by identical objects observed in [redacted] See annotations 5 - A through F, Figure 5, [redacted] The seventh object is positioned upon its longitudinal axis in line with, and just east of, section "F" as viewed on Mission [redacted]
- Very large floating crane. See annotation 1, [redacted]
- "E-II" Class SSGN (obliquity and lack of precise end-points precluded measurement). Number 1, 3, and 4 missile launchers are elevated. Numbers 3 and 4 launchers appear to have upper deck plating removed, exposing each of the 4 (white) tubes. Shadow from probable number 2 launcher indicates that it too may be elevated. Vertical screens are positioned outboard of numbers 1, 3, and 4 launchers. Submarine is positioned bow-to the main launch basin and is berthed outboard of a rectangular support barge. See annotation 3, [redacted]

TOP SECRET

TOP SECRET

CIA/PIR-67314

CIA IMAGERY ANALYSIS DIVISION

5. Possible "E" Class SSGN (obliquity and lack of bow contrast precluded a reliable measurement).
Sloping stern, slightly tapered bow, and small sail contribute to this evaluation. A vertical screen is outboard of the submarine's port quarter. Submarine is outboard of a rectangular support barge and is positioned stern-to the main launch basin. See annotation 4, [REDACTED]
6. Unidentified object berthed outboard of rectangular support barge (could not be measured).
Three vertical screens are floating outboard of this berthing space. Shadows and poor contrast preclude further interpretation of this imagery. See annotation 5, [REDACTED]
7. Probable submarine outboard of rectangular support barge (could not be measured).
Slightly tapered end-points, lack of much topside detail, and a small possible sail contribute to this evaluation. No vertical screens were visible outboard. Position of possible sail indicates that submarine is positioned bow-to the main launch basin. See annotation 6, [REDACTED]
8. Probable "N" Class SSN in floating dock.
Scaling from the length of the dock (425 feet) the distance from the end of the bulbous white bow of this submarine to the outer end of the dock is approximately 65 feet. The stern and sail of the submarine cannot be discerned. A probable "N" Class SSN, measuring roughly 325 feet in length and positioned well into the dock, was observed in this dock on [REDACTED] Approximate placement of bow indicates that the submarine seen on [REDACTED] may be the same as that now observed (on [REDACTED] See annotation 4, [REDACTED] and annotation 7, [REDACTED]
9. Rectangular submarine support barge berthed alongside "N" Class dock.
10. Catamaran vessel.
Six equally spaced "V-shaped" members span the width of the barge for approximately three-fourths of its length. See annotation 8, [REDACTED]
11. Possible "N" Class SSN (could not be measured).
A bulbous bow and small sail are visible. Submarine is positioned stern-to the catamaran barge. See annotation 9, [REDACTED]

TOP SECRET

TOP SECRET

CIA/PIR-67314

CIA IMAGERY ANALYSIS DIVISION

12. Three unoccupied transporter docks.
Innermost dock measures approximately 440 feet overall and has cut-down side walls for aftermost 55 feet of its length. Outer two docks measure approximately 300 and 255 feet, respectively. Obliquity precludes inner dock measurements. See annotation 10, [REDACTED]
13. BUSSARD Class AKL.
See annotation 12, [REDACTED]
14. Unidentified tugboat.
15. Probable "G" Class SSB (visible waterline length approx 320').
This submarine is in the same berthing space as the possible "G" Class SSB observed along this quay on [REDACTED] (see annotation 13, [REDACTED]) It appears that the after quarter of the sail housing of this submarine is dismantled. The possible "G" Class SSB observed in [REDACTED] had an apparently intact sail.
16. Two "G" Class SSB on the south ledge of the wet basin.
The easternmost submarine (furthest from basin entrance) measures approximately 320 feet in length. After two-thirds of sail housing has been stripped away exposing two possible cut-down missile tubes; a third (possible) missile tube cannot be discerned. This submarine is positioned bow-toward the entrance of the basin. The westernmost submarine (closest to basin entrance) has an intact sail measuring approximately 85 feet long and is apparently positioned stern-to the basin entrance. The stern extremity of this submarine is obscured by shadows from the corner of the basin walls, thereby precluding a determination of length-overall. Both submarines appear to be scaffolded. See annotation 13, [REDACTED]
17. Submarine support barge (LOA approx 185').
See annotation 14, [REDACTED]
18. Submarine support barge (LOA approx 200').
19. Probable ZEYA Class YRSN (LOA approx 240').
Depressed mid-section and visible hull outline conform to this class.

TOP SECRET

TOP SECRET

CIA/PIR-67314

CIA IMAGERY ANALYSIS DIVISION

20. Probable "PM-124" type YRSN (visible LOA approx 305'). Slight reverse curve to bow, forward deckhouse placement, heavy mast, and lifeboat placement equate to this type vessel. A probable ZEYA Class YRSN and an auxiliary resembling the "PM-124" were last observed alongside the "H" Class dock on [redacted] see annotations 27 and 28, [redacted] - CIA/PIR-67315).
21. Possible "H" Class SSBN in floating dock. Distance from bow to end of white sheds/canvas positioned over aftermost 50 feet of submarine is approximately 370 feet. Since obliquity of taking camera affords a view of the vertical siding to this structure over the stern of the submarine, it is probable that the length of this submarine does not exceed 370 feet. See annotation 14, [redacted]
22. Probable YAGT. See annotation 2, [redacted]
23. Probable YAGT alongside newly constructed quay. See annotation 15, [redacted]
24. RIGA Class DE. Two mounts forward and single stack are visible. See annotation 16, [redacted]
25. BOLVA Class APL. See annotation 17, [redacted]
26. Possible "Z/F" Class SS (visible waterline length approx 280') outboard and unidentified SS (visible waterline length approx 235') inboard. Tentative identification of outboard submarine is based on long narrow hull outline and length-overall. See annotation 18, [redacted]
27. Possible "N" Class SSN (visible waterline length approx 355'). A very small yard craft appears to be positioned across the bow and starboard quarter of this submarine. Tentative identification is based upon the impression of a large bulbous bow. Submarine is berthed outboard of a rectangular submarine support barge (length of barge approx 210'). See annotation 19, [redacted]

TOP SECRET

TOP SECRET

CIA/PIR-67314

CIA IMAGERY ANALYSIS DIVISION

28. Unidentified support craft.
This craft has two amidships hatches and was last observed between the "N" Class SSN and the "PM-124" type YRSN at the Nuclear Submarine Special Support Facility on [] See annotation 6, Figure 8, []

25X1

KEY TO FACILITY ANNOTATIONS

- A. Vertical support members have been erected for a structure to probably cover one or more repair ways at the Yagry Island Naval Repair Facility. Structure is roughly 600 feet in length.
- B. Temporary hoisting rigs and incomplete quay surface indicate that construction on this quay is still in progress.
- C. Smoke is visible from the stack of power plant at the Nuclear Submarine Special Support Facility.
- D. Construction of outer roof has not yet begun over the 4 westernmost vertical tanks of the Nuclear Submarine Special Support Facility.
- E. Construction continues on building in the new pier area at the western end of Nikol'skoye Estuary.

TOP SECRET

25X1

TOP SECRET

Approved For Release 2003/03/04 : CIA-RDP80-01000A000100010001-1

SEVERODVINSK NAVAL BASE & SHIPYARD 402
SEVERODVINSK, USSR
64-35N 039-50E



25X1
25X1

FIGURE 1

TOP SECRET

25X1
25X1

TOP SECRET

CIA/PIR-67314

CIA IMAGERY ANALYSIS DIVISION

REFERENCES

DOCUMENTS

CIA/PIR-67041, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] TOP SECRET [REDACTED]

CIA/PIR-67311, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] TOP SECRET [REDACTED]

CIA/PIR-67312, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] TOP SECRET [REDACTED]

CIA/PIR-67313, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] TOP SECRET [REDACTED]

* CIA/PIR-67315, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] TOP SECRET [REDACTED]

* In preparation

TOP SECRET

TOP SECRET

TOP SECRET